

# Recovery Plan Action Status

Plan Name: Recovery Plan Caribbean Roseate Tern (Sterna dougallii)

Plan Status: Final

Plan Date: 24-Sep-93

Lead Agency: USFWS

Lead Office: Caribbean Ecological Services Field Office

(787)  
851-7297 )

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Roseate tern (Sterna dougallii dougallii)	1	1.11	Develop protection programs	Not Started			U.S. Fish and Wildlife Service, Law Enforcement Division, U.S. Fish and Wildlife Service, Endangered Species Division, Puerto Rico Department of Natural and Environmental Resources, Virgin Island Department of Planning and Natural Resources , Caribbean islands National Wildlife Refuge, FWS	Management: General	Internal Administrative	DNER and DPNR lead this action
Roseate tern (Sterna dougallii dougallii)	2	1.12	Determine ownership of nesting areas	Complete	Prior to FY 1995	FY 2000 - FY 2004	U.S. Fish and Wildlife Service, Endangered Species Division, National Biological Survey , Outside government agencies	Management: General	Internal Administrative	DNER and DPNR lead this action
Roseate tern (Sterna dougallii dougallii)	2	1.21	Manipulation of vegetation	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division, Puerto Rico Department of Natural and Environmental Resources, Virgin Island Department of Planning and Natural Resources , National Biological Survey , Caribbean islands National Wildlife Refuge, FWS	Management: Habitat Maintenance and Manipulation	Contract, Internal Technical Assistance, Volunteer	DNER and DPNR lead this action

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Roseate tern (Sterna dougallii dougallii)	1	1.22	Provide nest sites where needed	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division, Puerto Rico Department of Natural and Environmental Resources, Virgin Island Department of Planning and Natural Resources , Caribbean islands National Wildlife Refuge, FWS	Management: Habitat Maintenance and Manipulation	Contract	DNER and DPNR lead this action
Roseate tern (Sterna dougallii dougallii)	3	1.23	Promote nesting at former colony sites	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division, National Biological Survey , Caribbean islands National Wildlife Refuge, FWS	Management: Reintroduction	Contract	DNER and DPNR lead this action
Roseate tern (Sterna dougallii dougallii)	1	1.24	Predator control	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division, Puerto Rico Department of Natural and Environmental Resources, Virgin Island Department of Planning and Natural Resources , National Biological Survey , Caribbean islands National Wildlife Refuge, FWS	Management: Predator and Competitor Control	Internal Administrative, Internal Field Assistance, Internal Technical Assistance	DNER and DPNR lead this action

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Roseate tern (Sterna dougallii dougallii)	2	2.11	Identify and evaluate potential breeding colony sites	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division, Puerto Rico Department of Natural and Environmental Resources, Virgin Island Department of Planning and Natural Resources , National Biological Survey , Caribbean islands National Wildlife Refuge, FWS	Management: Land Use, Management: Reintroduction, Other: Administration, Other: Regulations, Research: Management Techniques	Graduate Student, Internal Field Assistance, Internal Technical Assistance	In coordination with DNER and DPNR.
Roseate tern (Sterna dougallii dougallii)	1	2.12	Conduct surveys of colony sites	Ongoing Current	FY 2006	FY 2011	U.S. Fish and Wildlife Service, Endangered Species Division, Puerto Rico Department of Natural and Environmental Resources, Virgin Island Department of Planning and Natural Resources , Caribbean islands National Wildlife Refuge, FWS , Florida Audubon Society	Research: Population Surveys	Graduate Student, Internal Field Assistance, Species Expert, Volunteer	
Roseate tern (Sterna dougallii dougallii)	1	2.2	Continue current and initiate color banding programs	Ongoing Not Current	Prior to FY 1995	FY 2000 - FY 2004	U.S. Fish and Wildlife Service, Endangered Species Division, Puerto Rico Department of Natural and Environmental Resources, Virgin Island Department of Planning and Natural Resources , National Biological Survey , Caribbean islands National Wildlife Refuge, FWS , Florida Audubon Society	Research: Demographic Studies, Research: Management Techniques, Research: Migration	Graduate Student, Internal Field Assistance, Internal Technical Assistance	

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Roseate tern (Sterna dougallii dougallii)	3	3.1	Determine food availability	Complete	FY 1995 - FY 1999	FY 2000 - FY 2004	U.S. Fish and Wildlife Service, Endangered Species Division, National Biological Survey	Research: Other Information	Graduate Student, Internal Field Assistance, Internal Technical Assistance	
Roseate tern (Sterna dougallii dougallii)	1	3.2	Determine hatching and fledging success	Complete	Prior to FY 1995	FY 1995 - FY 1999	U.S. Fish and Wildlife Service, Endangered Species Division, National Biological Survey	Research: Other Information	Graduate Student, Internal Field Assistance, Internal Technical Assistance	
Roseate tern (Sterna dougallii dougallii)	1	3.3	Determine causes of mortality	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division, National Biological Survey	Research: Competition, Research: Disease, Research: Environmental Contaminants, Research: Other Information, Research: Predation	Contract, Graduate Student, Internal Field Assistance, Internal Technical Assistance	
Roseate tern (Sterna dougallii dougallii)	2	3.4	Evaluate interspecific interactions	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division, National Biological Survey	Research: Competition, Research: Other Information	Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert	
Roseate tern (Sterna dougallii dougallii)	2	3.5	Evaluate impact of contaminants	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division, Puerto Rico Department of Natural and Environmental Resources, Virgin Island Department of Planning and Natural Resources , U.S. Fish and Wildlife Service - Technical Services	Research: Environmental Contaminants	Contract, Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert	
Roseate tern (Sterna dougallii dougallii)	2	4.1	Assess post breeding dispersal of adult and young	Complete	Prior to FY 1995	FY 2000 - FY 2004	National Biological Survey , U.S. Fish and Wildlife enhancement	Research: Migration	Graduate Student, Internal Field Assistance, Internal Technical Assistance	In coordination with universities, DPNR, Audubon Society, and government of the British Virgin Islands.

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Roseate tern (Sterna dougallii dougallii)	1	4.2	Determine wintering grounds	Complete	FY 1995 - FY 1999	FY 2000 - FY 2004	U.S. Fish and Wildlife Service, Endangered Species Division, National Biological Survey , Outside government agencies	Research: Habitat Requirements, Research: Migration	Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert	In coordination with AUdubon Society and governments of Dominican Republic, Venezuela, Guyana, Surinam, Brazil, and British Virgin Islands.
Roseate tern (Sterna dougallii dougallii)	2	5.1	Determine number of individuals and populations necessary to ensure species' stability, security and self perpetuation	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division	Research: Habitat Requirements, Research: Other Information, Research: Population Surveys	Contract, Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert	
Roseate tern (Sterna dougallii dougallii)	2	5.2	Determine what additional actions are needed to achieve recovery objectives	Complete	FY 2010	FY 2011	U.S. Fish and Wildlife Service, Endangered Species Division	Management: Depredation Control, Management: Disease Control, Management: Habitat Maintenance and Manipulation, Management: Predator and Competitor Control, Other: Information and Education, Other: Law Enforcement, Research: Competition, Research: Disease, Research: Environmental Contaminants, Research: Habitat Status, Research: Management Techniques, Research: Migration, Research: Population Surveys, Research: Predation	Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert, Volunteer	